



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLN. OF: TAKEUCHI  
SERIAL NO.: 10/647,582  
FILED: August 25, 2003  
FOR: Variable Drive Current Driver Circuit  
DOCKET: NEC F-11100 DIV

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

In connection with the above-entitled matter, Applicant hereby attaches U.S. Patent Office form PTO-1449, including copies of the references listed therein. Where available, English language counterparts and/or abstracts are being provided for Examiner's convenience. These references were cited in the Japanese Office Action dated August 19, 2003 of the underlying Japanese patent application. Enclosed is a copy of the Japanese Office Action, together with an English translation of the relevant portions thereof. The claims in the present application are believed to be patentably distinguished over these references.

This Information Disclosure statement is being made pursuant to the duty of disclosure imposed by law and formulated in 37 CFR 1.56(A). No representation is made that the information thus disclosed in fact constitutes prior art or that it is the closest prior art, inasmuch as 37 CFR 1.56(A) relies on a materiality concept which depends on subjectivity.

In compliance with the requirements of 37 C.F.R. § 1.98(a)(3), as a concise statement of relevance, as it is presently understood by the individual designated in 35 U.S.C. § 1.56(c) most

HAYES SOLOWAY P.C.

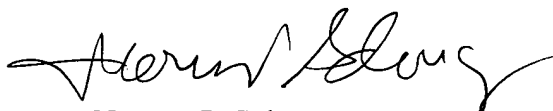
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knowledgeable about the content of the information, the undersigned attorney of record submits a translation of portions of an official action by a foreign examiner in which the references were cited. The relevance to the pending U.S. patent application is that the references were cited in a foreign patent application on the same subject matter. However, no independent analysis of the references, the accuracy of the statement of foreign examiner or the claims of the foreign application under the laws of the country or the United States relative to the subject matter claimed in the present application has been made; the present understanding of the contents thereof by the undersigned being based on the translation of the foreign examiner's comments submitted therewith.

The enclosed Information Disclosure Statement is being submitted within three months of the Japanese Office Action, as certified in the attached Certification for Information Disclosure Statement. Therefore, we believe there are no fees involved with this Information Disclosure Statement. In the event there are additional fees payable, please charge them to our Deposit Account No. 08-1391.

Respectfully submitted,



Norman P. Soloway  
Attorney for Applicant  
Registration No. 24,315

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 10, 2003 at Tucson, Arizona.

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**STATEMENT UNDER 37 CFR 1.97(e) ACCOMPANYING  
INFORMATION DISCLOSURE STATEMENT**

Docket No.  
**NEC F-11100 DIV**

In Re Application Of: **TAKEUCHI**

Serial No.  
**10/647,582**

Filing Date  
**August 25, 2003**

Examiner

Group Art Unit

Invention: **Variable Drive Current Driver Circuit**

**TO THE ASSISTANT COMMISSIONER FOR PATENTS:**

This is a statement under the provisions of 37 CFR 1.97(e) in the above-identified application.

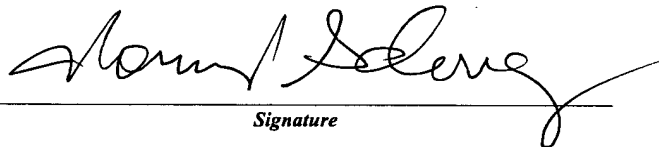
Check applicable statement herebelow:

**Statement Under 37 CFR 1.97(e)(1)**

- ☒ Each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

**Statement Under 37 CFR 1.97(e)(2)**

- ☐ No item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

  
*Signature*

Dated: **September 10, 2003**

**Norman P. Soloway  
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HAYES SOLOWAY P.C.  
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**Certificate of Mailing by First Class Mail**

I certify that this document is being deposited on  
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**Kathryn Grimes**

*Typed or Printed Name of Person Mailing Correspondence*

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# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

NEC F-11100 DIV

Application Number

10/647,582

Applicant(s)

TAKEUCHI

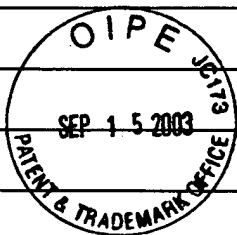
Filing Date

August 25, 2003

Group Art Unit

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,977,796	11.2.99	GABARA	326	86	



## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		2000-353035	12.19.00	JAPAN (w/abstract)	G06F	3/00		✓
		11-085343	3.30.99	JAPAN (w/abstract)	G06F	3/00		✓

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and no considered. Include copy of this form with next communication to applicant.